

Notice of Allowability

Application No.

10/042,668

Examiner

Yasin M. Barqadle

Applicant(s)

VINCENT, CHRISTOPHER R.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/08/2007.
2. ☒ The allowed claim(s) is/are 25-27 and 40-45.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

ABDULLAH SALAD
PRIMARY EXAMINER

Examiner's Amendment

1. An examiner's amendment to the record is attached. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Jose Gutman (Reg. 35,171) On May 18, 2007.

In the claims:

Please amend claims 25,40 and 43-45 as attached.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yasin Bargadle whose telephone number is 571-272-3947. The examiner can normally be reached on 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Burgess can be

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reached on 571-272-3949. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either private PAIR or public PAIR system. Status information for unpublished applications is available through private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

YB

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ABDUL AHISALAT
PRIMARY EXAMINER

Listing of Claims:

Claims 1-24 (Canceled)

25. (Currently Amended) A system comprising:

at least one instant message originating client system, for accepting a correction to a previously sent instant message, determining whether a message correction of the previously sent instant message requires sending one of a complete corrected message and a message correction specification, and based on the determination of message correction of the previously sent message, sending from the at least one instant message originating client system to an instant messaging server one of a complete corrected message and a message correction specification;

an instant messaging server, communicatively coupled to the at least one instant message originating client system, for receiving a message correction specification and a message identifier (ID) from the at least one originating client system, and sending the message correction specification and the message ID to the recipient client system; and

at least one instant message recipient client system, communicatively coupled to the instant messaging server, for receiving a message correction specification and a message identifier (ID) from the instant messaging server during an ongoing instant messaging conversation between the instant message originating client system and the instant message recipient client system, retrieving a message with a corresponding message ID from a conversation log for the instant messaging conversation, correcting the content of the retrieved message by updating text in the retrieved message, updating the conversation log with the corrected message, and activating an alert to notify a user of the at

least one instant message recipient client system of an update to the conversation log.

26. (Original) The system of claim 25, wherein the message correction specification comprises at least one text replacement specification.

27. (Original) The system of claim 26, wherein the text replacement specification comprises:

- a start character index;
- an end character index; and
- insertion text.

Claims 28-39 (Canceled)

40. (Currently Amended) A method of instant messaging, the method comprising:

- accepting, with at least one instant message originating client system, a correction to a previously sent instant message;
- determining, with the least one instant message originating client system, whether a message correction of the previously sent instant message requires sending one of a complete corrected message and a message correction specification;
- sending, with the least one instant message originating client system, to an instant messaging server one of a complete corrected message and a message correction specification in response to determining the message correction of the previously sent message; and
- receiving, with an instant messaging server, a message correction specification and a message identifier (ID) from the at least one originating client system;
- sending, with the instant messaging server, the message correction specification and the message ID to a recipient client system; and
- receiving, with at least one instant message recipient client system, a message correction specification and a message identifier (ID) from the instant messaging server during an ongoing instant messaging conversation between the instant message originating client system and the instant message recipient client system;
- retrieving, with the least one instant message recipient client system, a message with a corresponding message ID from a conversation log for the instant messaging conversation;
- correcting, with the least one instant message recipient client system, the content of the retrieved message by updating text in the retrieved message;
- updating, with the least one instant message recipient client system, the conversation log with the corrected message; and

activating, with the least one instant message recipient client system, an alert to notify a user of the at least one instant message recipient client system of an update to the conversation log.

41. (New) The method of claim 40, wherein the message correction specification comprises at least one text replacement specification.

42. (New) The method of claim 41, wherein the text replacement specification comprises:

- a start character index;
- an end character index; and
- insertion text.

43. (Currently Amended) A computer readable storage medium for instant messaging, the computer readable storage medium comprising instructions for:

- accepting, with at least one instant message originating client system, a correction to a previously sent instant message;

- determining, with the least one instant message originating client system, whether a message correction of the previously sent instant message requires sending one of a complete corrected message and a message correction specification;

- sending, with the least one instant message originating client system, to an instant messaging server one of a complete corrected message and a message correction specification in response to determining the message correction of the previously sent message; and

- receiving, with an instant messaging server, a message correction specification and a message identifier (ID) from the at least one originating client system;

- sending, with the instant messaging server, the message correction specification and the message ID to a recipient client system; and

receiving, with at least one instant message recipient client system, a message correction specification and a message identifier (ID) from the instant messaging server during an ongoing instant messaging conversation between the instant message originating client system and the instant message recipient client system;

retrieving, with the least one instant message recipient client system, a message with a corresponding message ID from a conversation log for the instant messaging conversation;

correcting, with the least one instant message recipient client system, the content of the retrieved message by updating text in the retrieved message;

updating, with the least one instant message recipient client system, the conversation log with the corrected message; and

activating, with the least one instant message recipient client system, an alert to notify a user of the at least one instant message recipient client system of an update to the conversation log.

44. (Currently Amended) The computer readable storage medium of claim 43, wherein the correction specification comprises at least one text replacement specification.

45. (Currently Amended) The computer readable storage medium of claim 44, wherein the text replacement specification comprises:

- a start character index;
- an end character index; and
- insertion text.